THE TECH

VOL. XXIX. NO. 104. BOSTON, MASS., WEDNESDAY, MARCH 2, 1910 PRICE ONE CENT

INSTITUTE PROVIDES EXTENSIVE LIBRARIES

Collections Worth $182,000 Give Men Fine Reference Facilities

Thirteen libraries containing 86,554 volumes and 23,819 pamphlets and maps, representing an estimated investment of $182,226.37, are at the disposal of the students at the Institute. Few men realize the exceptional opportunities which these vast collections afford for reference and research. The General Library contains an index of all the books and periodicals owned by the Institute together with Bibliographical dictionaries which list the books and magazine articles on all important subjects whether written in English, French or German. This makes the Institute libraries more complete than those of any other technical school in this country.

The greater part of the books are distributed to the departmental libraries, as are also the various engineering and scientific periodicals. In the case of periodicals which appeal to more than one branch of work like the "Engineering Magazine," several copies are taken and two or more libraries have current files of these publications. This is also true of a few of the general scientific works. An advantage of this system is that if one of these is out, the student may consult the index in the General Library and find where the other copy is located.

In looking for a book, it is desirable to know the name of the author, since all the libraries have complete catalogues of the books under the names of the authors. The Chemical, Engineering, Electrical, and Naval Arch libraries have complete subject catalogues, but the subject lists of the other libraries are not complete. Many books of fiction, drama, and a few others, together with the periodicals, are catalogued by title. In any case look for the card in the Card Catalogue and note the shelf number written in red ink on the upper left hand corner. This number indicates the position of the book on the shelves. In the General Catalogue the name of the Library in which the book is found will be stamped on the upper left hnnd corner of the card. The books are arranged on the shelves according to the Decimal System employed in most large libraries. A receipt must in all cases be left for books taken from the room.

The General Library in Rogers contains books on English literature, military science, biography, history, education, and kindred subjects together with encyclopedias, dictionaries, and books of reference. Here are found most periodicals of a general character together with the more popular foreign publications in French, German, Italian and Spanish. The librarian's office is in this room and also the cases containing the Card Catalogue. At the right of the desk are found the Bibliographical dictionaries which may be used as a "court of last resort." From these dictionaries it is possible to find out everything which has been published in recent years on any subject both in book form and articles in periodicals.

The Mining Engineering Library in 8 Rogers contains over 5,000 volumes and receives annually 87 periodicals. The Library of Mathematics, 20 Rogers, is accessible to advanced students upon application. This is the only library whose use is restricted. The Library of History and Economics is in 40 Rogers and comprises 14,000 volumes and sev-

(Continued on page 4.)

JUNIORS TURN DOWN INSTITUTE COMMITTEE

Both Proposals Of Committee Changed, But Second Rejected

Not content with adopting the suggestion as put forward by the Institute Committee for a constitutional amendment, the class of 1911 at its meeting Monday adopted the following:

"Authority is hereby given the Institute Committee to enforce any measure which it may deem necessary for the administration of undergraduate affairs in so far as they do not conflict with this constitution or other rulings of the class, the class reserving the right to reject any such measures in a regular class meeting."

The second amendment with a suggested change made as were the changes in the first by the class board of directors was as follows: "Every activity elected or appointed by the class shall comply with all the rulings of the Institute Committee as expressed in the above clause except in financial or executive matters." This was turned down by the class largely because of the indefinite character of the measure. In as much as the Constitution requires previous announcement of amendments before any action can be taken further action on the second amendment was declared impossible by Pres. Copeland.

It was announced that in as much as C. P. Kerr, the present representative of the class on the Institute Committee, was over points, that he had resigned and that the next highest man in the election for the position, C. F. Hobson, had been appointed to fill the vacancy.

E. H. S. CLUB DINNER

Club Will Dine In Union Tonight At 6.30---Good Program

Tonight at 6.30 in the writing-room of the Union the E. H. S. Club will hold its annual banquet. Mr. Sittenger, the secretary, has made a special effort to arrange an attractive menu, and to make the dinner a general success. Good speakers have been procured, and by arrangement with Steward Colton, beer or ginger ale will be served to those who wish it.

The committee in charge has been very fortunate in procuring speakers. Mr. Walker Humphreys, an E. H. S. alumnus, will be one of the speakers, and Mr. Thomas and Mr. Barrows from English High will be the others. It was hoped that Mr. Lebon and Mr. Tower would be able to attend, but both have been prevented on account of sickness. The committee, however, feels gratified with its success in obtaining the men that it has.

This will be the first social gathering of the club this year, and all loyal E. H. S. men are wanted. Probably plans will be made for another banquet later and other business will be transacted.

Last Friday evening President Maclaurin spoke in Chicago. Mr. Scharff received a telegram from there from Mr. John Frank 1907, and Mr. Harry Hool 1909, saying that plans were being made for a North West Alumni Association. Already $560 have been raised by subscription for this purpose.

CHRISTIANSEN CHOSEN COSMOPOLITAN LEADER

Foreign Students Start Club For Promotion Of World Citizenship

With five nations represented by the officers, the Cosmopolitan Club of the Massachusetts Institute of Technology began its career last night.

Forty men of various nationalities and interests took their seats when temporary chairman Gorton James 1910, called the meeting to order.

Mr. James called on Dean Burton to give a history of the movement for the foundation of the club at the Institute. The Dean told of the difficulties a stranger has in a foreign country, and pictured the extreme loneliness of "a man in a crowd, who doesn't know any one." He said that a man in a strange country made a great mistake by associating only with his own kind, and that it was to try and remedy these conditions that the club had been started.

The chairman then appointed R. H. Ranger 1911, Dr. W. F. Comstock, and P. Chinchilla 1910, as a nominating committee to submit a list of officers to the club. While they were deliberating, Mr. James introduced Mr. Gupta, a member of the Harvard Cosmopolitan Club.

Mr. Gupta, who comes from British India, told of his experience as a foreigner in a small college in Ohio, and later at Harvard. He said that all racial antagonism and ideas of superiority must be set aside, and that every man should considere it his duty to help the others, and the club, along. Mr. Gupta advised joining the International Association of Cosmopolitan Clubs, as he said that the criticisms directed against that body on the ground of socialism were unjustified.

Mr. Leao, another Harvard man, who claims the Celestial Kingdom as his birthplace, gave an outline of the history and aims of the society across the river. The necessity of providing some entertainment for the members was emphasized by him, and in this line he suggested three very successful institutions at Harvard, namely, "afternoon teas," "beer nights," and "lady tea." Judging by the applause, the two latter will be in high favor at Tech.

Mr. R. F. Goodwin, president of the Senior class, briefly expressed his pleasure at being one of the lucky United States men to be asked, and wished the Club all success. Mr. H. T. Shea 1909, told of the great prospective benefit of the club to the Chinese students.

The nominating committee then reported as follows: For President, Eugene Olaf Christiansen 1910, of the Kingdom of Norway; Vice-President, Manuel Adrian Navarro 1910, of Quito, Ecquador; Second Vice-President, Heenan Finching Shan, of Foochow, China; Secretary-Treasurer, David St. Pierre Gaillard 1911, of Culebra, Canal Zone; Councillors, Alfred Edgar Burton of West Newton, Mass.; Desire Despradelle of France; Gorton James 1910, of Brookline, Mass. These officers were unanimously accepted, and Mr. Christianson took the chair.

The following business was then transacted: the questions of an insert in Technique, shingles, dates for meetings, etc.

Prof. Seaver suggested that each man rise and give his full name and where he came from. This brought out that there were men present from Newfoundland to Argentine, and from China to Oshkosh. One man, who had to stop rest in the middle of his name, caused much amusement.

PROF. SWAIN SPEAKER AT UNION FRIDAY

Former Head Of Course I, Is At Harvard---Subject Not Given

For the next Friday Evening Entertainment on March 4, the Union Committee has been exceedingly fortunate in obtaining the services of Professor George F. Swain, formerly of M. I. T. but now head of the Course in Civil Engineering at the Harvard Graduate School of Applied Science. Prof. Swain was also head of the Civil Eng. Department at Tech until he left last June. He is known the world over as one of the greatest engineers in the country and has performed many services for both the government and the state. For instance he was called upon by Governor Guild last year to accompany him as expert to the meeting called by President Roosevelt for the "Conservation of Our Natural Resources."

Prof. Swain is not only a teacher of engineering, but also a practising engineer. He will give one of his old-time talks such as his former pupils were delighted to hear and every one is expected to come out and give him a rousing reception. Although he has not announced his talk, it is known that he will say something about the work of a man after completing his course at the Institute. Whatever the subject may be, Prof. Swain will treat it interestingly and everybody who attends will be thoroughly entertained as well as instructed.

RIFLE CLUB MEETING

Much enthusiasm was shown at the meeting of the Rifle Club held in 22 Rogers and the prospects of the future work are great. Fourteen men were at the meeting; officers were elected for the next year and several important plans were discussed.

The officers elected were as follows: President, H. R. Wilbur 1910; Vice-President, H. D. Kemp 1912; Secretary, M. R. Thompson 1910; Treasurer, W. W. Lang 1912; Executive Officer, R. T. Portal 1913.

The men are looking forward to a successful season, and it is hoped that it will be an improvement on past years. It is expected that indoors practice will be conducted in one of the armories in this neighborhood. Continual practice the year round will greatly increase the efficiency of the work done.

An attempt will be made by the club to enter the national matches which are to be held in April. If this can be accomplished, it will be an interesting feature for the members.

Another announcement which attracted considerable attention was a challenge to a joint shoot from the Harvard Military School of Los Angeles, California. If the members can agree, this shoot will be held, the details of which will be arranged later.

CALENDAR.

Wednesday, March 2.

4:15 C. E. Society, 11 Eng. B.
6:00 T. C. A. Dinner, at Union.
6:30 E. H. S. Club Dinner, at Union.

Friday, March 4.

8:00 Union Night, at Union.
1913 vs. Lowell Tex. Track, at Lowell.
Brookline H. S. Club at 772 Washington St.

THE TECH

Published daily, except Sunday, during the college year by students at the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 29, 1909, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

R. H. Ranger 1911 .....Gen. Mgr.

News Board.

A. L. Fabens 1910 .....Editor-in-Chief
L. Rosenstein 1910 .....Inst. Editor
G. M. Keith 1912 .....Society Editor
E. B. Moore 1912 .....Gen. News Editor
L. G. Fitzherbert 1911 ..Athletic Editor

Business Board.

D. N. Frazier 1911 .....Business Mgr.
H. Merrill 1912 .....Adv. Mgr.
A. W. Yereance 1911 ..Circulation Mgr.

Office 42 Trinity Place.
Telephone, Back Bay 2184.

All communications should be addressed to the proper departments.

Subscriptions $1.50 per year in advance. Single copies 1 cent.
Subscriptions within the Boston Postal District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

Printed by Puritan Linotype, Boston, Mass.

BOSTON, MASS., MARCH 2, 1910.

The class of 1911 has delayed the realization of a real Institute Committee first by not concurring with the rest in adopting word for word the proposed amendenmtes, and second, by allowing red tape to delay them in passing on the very important provision with regard to the class activities. A little analyzation of the clause proposed by the Committee and that by the Board of Directors of the class will show that they are the same in results if not in words. If the Institute Committee gets so foolish as to incur the displeasure of the organization that organization can revoke this Constitutional amendment just as easily as if there were no direct provision in the amendment that provided that it be in open class meeting. The Institute Committee could have asked for a detailed right with provisos, etc., perhaps even more than have been suggested by the various organizations which have met to date, but they would have only hidden the real underlying principles involved. The amendments as suggested by the Committee are put in the simplest, and plainest language which if accepted will put the proper adjustment of student affairs right up to the representative committee with no chance for the latter to circumvent its responsibilities.

COLLEGE ASTIGMATISM.

"Collegiate astigmatism," an expression used in one of the new novels, is a description peculiarly appropriate to the shut-in-ness of the life of the college student and his consequent points of view upon the world and its hapenings. He lives in an atmosphere of the learning of the past and his own part in the college activities. He looks at the world with inexperienced eyes, and wisely explains everything by a jumble of dead precedents. His eyes are focused upon life and its problems with exceeding clearness and understanding, he believes, yet the focus is wrong for he understands little and knows less. Collegiate astigmatism is a wrong focusing of the point-of-view. It is peculiar to the collegian, the natural results of his youth, inexperience and surroundings. Contact with life itself is its cure, sometimes a most heroic one.—The Daily Missourian.

GENERAL NEWS

TELEGRAPH NEWS OF THE MORNING.

WEATHER REPORT.

Washington, Mar. 2.—Rain today probably clearing in the late afternoon or night. Moderate variable winds.

Cambridge, Mar. 2.—The game proposed between the Red Sox and the Harvard 'varsity nine has become a certainty. The two teams will play at Huntington avenue April 12, two days before the season opens. Manager Wyman and Coach Pieper have completed arrangements with Secretary Hugh McBreen, and if the weather spoils the game for April 12, it will be played April 13.

Boston, Mar. 2.—The Symphony Orchestra returned yesterday from its fourth Southern trip, having given its regular monthly concerts in Washington, Baltimore, Philadelphia, New York and Brooklyn and winding up its season in Hartford last evening. This trip, like all the others the orchestra has made this year, was very successful from all points of view.

Boston, Mar. 2.—Sureties for the release of George W. Coleman were presented yesterday to the United States District Attorney, Asa P. French. Coleman, who is held on $50,000 bail has been locked up at the Charles St. jail, since his arrest.

Schenectady, N. Y.—Mar. 2.—The Railroad Y. M. C. A. building at Rotterdam Junction, belonging to the Boston & Maine railroad, was burned yesterday morning. Three employes of the road perished in the flames. The building was valued at $20,000.

Gonddokora, Soudan, on the Upper Nile, Mar. 2.—Dr. Rodoric Proasch, a French medical missionary, who lunched with Mr. Roosevelt yesterday, died suddenly of fever. Several others in the neighborhood are seriously ill.

"HORNET'S NEST"

"Some things make me sick," said Dick, as he came in from dinner.

"Been eating at the Union again, Dickies?" asked Billiken, who had spent most of the afternoon on our couch, and hadn't yet gathered sufficient energy to go out and feed.

"Yes," said Dick, "but that wasn't it. The feed was all right. But look at today's check!"

"I did," said Billiken, "and I didn't see anything to get so riled about. You couldn't help it if the Gym team got trimmed, and you neednt get kinks in your neck because the high price of rubber is discussed before the Chem. Society."

"That's just it," exploded Dick, who had controlled his impatience with difficulty. "The Chem. Society, I mean, not the high price of rubber—though that may have some connection with the scarcity of brains among the Chemists. The idea of that bunch of laboratory slaves turning down the Institute Committee's constitutional amendment on the ground that it is too sweeping! What will student government amount to if its authority is to be limited to the enforcement of the Point System? Give them unlimited power, I say, and throw them out of office if they misuse it."

"Yes, but look at the damage they could do before you threw them out," I rejoined, looking up from my Organic at this attack on the intelligence of chemists.

"Yes, look at it!" said Dick. "What do you suppose the Institute Committee is going to do to you? Reduce the atomic weight of polonium or change the valency of hydrogen? Do you suppose they will depose the officers of societies, fix the cost of food in the Union, and legislate on everything without regard for anybody? Not a bit of it! They are representative of the whole student body, and I don't believe they will ever enforce any measures that they don't sincerely believe to be reasonable, and for the best interests of the 'Stute and of the students. Give them authority, I say; then if they soak the Chem. Society, it's the fault of the Chem. Society's representative, and he ought to be deposed from the presidency. That's what I call government by the students for the students!"

But I was again deep in the intricacies of Organ., and a gentle snore from Billiken showed that he had given up hopes of dinner. So Dick's oratory aroused no response, and he left the room in disgust.

You may see

FOWNES GLOVES

on the man who doesn't know what's what—
you're SURE to see them
on the man who does know.

BACK BAY BRANCH

State Street Trust Co.

130 MASSACHUSETTS AVENUE, BOSTON

Credits interest monthly on accounts of $300 and over.

MAIN OFFICE: 38 STATE STREET

and woolens that are specially selected for college men can be seen at either of my stores at any time, and opposite Tech. Union Tuesday's from 12 to 2.30. A students' tailor 14 years.

L. Pinkos

9 STATE STREET BOSTON — HARVARD SQUARE CAMBRIDGE

HAVE YOU TRIED THEM?

TASHA Turkish Cigarettes

They are fine in flavor and smooth.
The most perfect blend you ever smoked.

15 CENTS PER PACKAGE OF 10.

Try a box TODAY and see for yourself.
In Packages of 100 at $1.25 make a Christmas Gift that will be appreciated and enjoyed.
ESTABROOK & EATON, Distributors.
On Sale at the Cage.

MORSE & HENDERSON
TAILORS
18 BOYLSTON STREET, - - - BOSTON
Tel. Oxford 99 Rooms 14-15.

THE LATEST NOVELTIES FOR FALL AND WINTER FOR COLLEGE MEN.

STEVENS

An International Standard by which all others are being judged.

HAMMERLESS REPEATING SHOTGUN
The Latest Browning Patent.
Six Shots. *List Price $27.00*
The raciest lines known to Shotgun Models.
Simple to Take Down.
Simpler to Put Together.
Simplest Mechanism in the World.

STEVENS SHOTGUNS, RIFLES, PISTOLS made in the factory of precision with an accuracy unparalleled in the world.

Ask your Dealer. Insist on seeing the STEVENS. If he hasn't got it, we will send you the gun, express prepaid, on receipt of *List* Price, $27.00.

Your Complete Catalog of Stevens Shotguns, Rifles, Pistols, as made in the famous factory of precision is sent *free* the day you ask for it.

J. STEVENS ARMS & TOOL CO.,
P. O. Box 5002,
Chicopee Falls, Mass.

BOSTON OPERA HOUSE

Henry Russell, Managing Director.

GRAND OPERA AT POPULAR PRICES.

Next Saturday at 8 P. M.

Faust

IN FRENCH.

MMES. NIELISON,
SWARTZ,
BAKLMOSS.
MM. BOURRILON,
NIVETTE,
LEBERONI,
BANNI,
BERTO.

Prices 50c., $1.00, $1.50, $2.00.

Mason & Hamlin Pianos Used.

THE ARENA

It has been pointed out that the time the two-mile relay team at the wrence Light Guard meet was the ord for that track. The Medford ck is the smallest in this part of e country, and that time of eight nutes, forty-one seconds is a re-rkable showing for the team.

The Sophomores intend to continue carry off athletic honors from the eshmen. They have started out to n in the baseball series. The battery ididates practice three times a week the gym.

The gym. team had rather tough luck Salem last week. One of the judges s the Salem director, and he cer-nly handed out some raw decisions the Institute men.

Both the hockey and basket-ball sea-ns have closed and neither has been ccessful. Tech is becoming a "good er." The players are contented with mply holding their opponents down in-ad of being only satisfied with a vic-y. It is the wrong kind of spirit to ow, and should be done away with.

Harvey Benson is making a strong l for a place in the Institute's "Hall of Fame" in athletics. He'll get it, too if he continues to show the same determination and stick-to-it-iveness that he has in the past. His running last Saturday was a big feature of the meet.

Katzenberger of the Freshman track team is certainly making good in the office of manager. He carried on the Freshman meet in fine style, and at last year's underclass meet he was right on hand, looking after his men and everything in general.

G. A. Horfeck of the Wanderers' Hockey Club of New York, an authority on hockey, in selecting an all-collegiate hockey team picks the entire Princeton defence, Read, Blair and Peacock, Heron of Yale, Kay of Princeton, Crasswetler of Cornell and Hicks of Harvard as forwards. Peacock he selects as captain.

George C. McPartlin, the Waterbury and former Eastern League pitcher, has taken charge of the battery candidates for the baseball team at Yale. He has been engaged to coach this department of the squad until they go South for the Easter trip on March 25. Billy Lush, the general baseball coach, will arrive at New Haven tomorrow.

LD ESTABLISHED
DINING ROOM
A. G. COTTON, Propr.
33 St. Botolph St.
Best Board in Back Bay.
Reasonable Rates.
We make a specialty of serving
Tech Students.

The Apollo
The Chocolates that are different."

FLOWERS
For All Occasions at Most Reasonable Prices
J. NEWMAN & SONS CORP'N
24 TREMONT STREET
Special Discount to Tech Students

Lombardy Inn
Italian Restaurant...
Table d'Hote Dinner 5 to 8.30
A la Carte
STRICTLY ITALIAN CUISINE
ITALIAN WINES
BOYLSTON PLACE
Near Colonial Theatre
BOSTON, MASS.
Telephone Oxford 2942

Thos. F. Galvin
ROSES
124 Tremont St., opp. Park St. Church
Telephone Oxford 1737
Conservatories:
Boylston and Fairfield Sts., Back Bay
Telephone Back Bay 2323
Established 1850

Castle Sq. Daily 2 and 8
Tel. Tremont 5
The John Craig Stock Company
SPITFIRE.
Prices 15c., 25c., 50c., 75c.
Down-town Ticket Office, 15 Winter St.

HERRICK TICKETS ALL THEATRES
COPLEY SQUARE
Telephones 2329, 2330 and 2331 BackBay

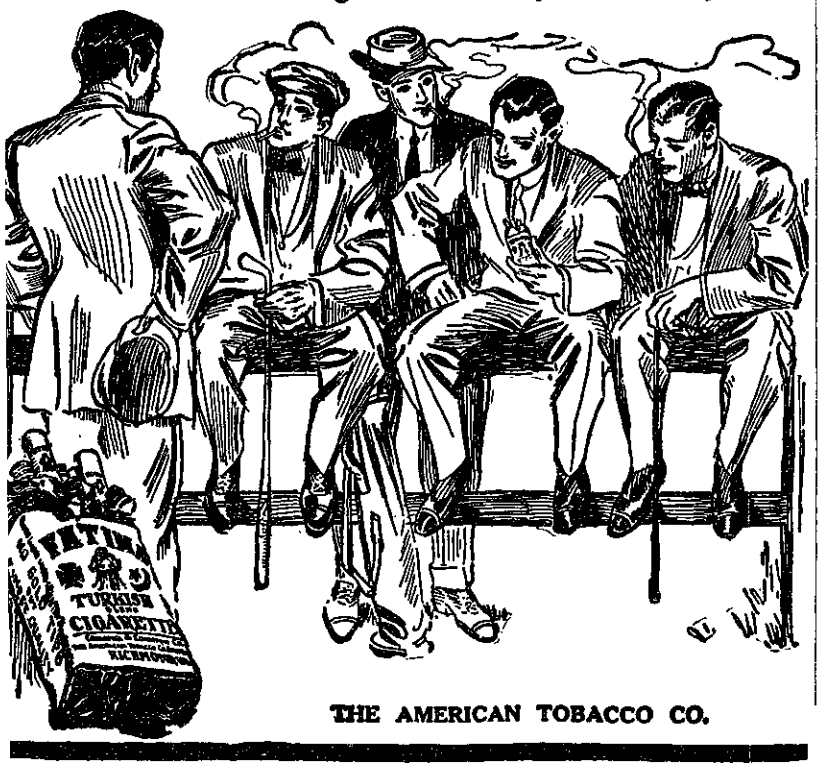
VISIT
THE NEW STORE
BUILT ESPECIALLY FOR YOU.
DRAFTING INSTRUMENTS, PAPERS, TRACING CLOTH, TRIANGLES, T SQUARES, SLIDE RULES, PENCILS, ETC. PAINTS, VARNISHES AND HARDWARE.
At Lowest Price
210 CLARENDON ST.
ALSO
82 and 84 WASHINGTON ST.
Catalogues Free
Wadsworth, Howland & Co.
Incorporated

WE WANT YOU ON OUR BOOKS

We'll wash your shirts
And wash them clean.
Some are twelve; some fifteen;
We'll sew on buttons
And darn your sox,
And send them back
In a nice clean box.

Hinds' Hand Laundry
HIGH GRADE WORK
16 HUNTINGTON AVENUE

FATIMA TURKISH BLEND CIGARETTES
20 for 15 cts.
The Campus Fence—gathering place or all good fellows. Tales of victory, nd time to smoke Fatima Cigarettes.
The smoke that pleases and satisfies. Perfectly blended Turkish tobacco. Inexpensively packed with ten extra cigarettes for your money.



THE AMERICAN TOBACCO CO.

OWN A TYPEWRITER
If you haven't the cash we sell you one on
EASY PAYMENTS
WE HAVE ALL MAKES AND ALL PRICES
MODEL TYPEWRITER INSPECTION CO.
165 DEVONSHIRE STREET 26 ARCH STREET

ESTABLISHED 1818

Brooks Brothers

CLOTHING

Gentlemen's Furnishing Goods.

BROADWAY COR. TWENTY-SECOND ST. NEW YORK.

SUITS AND OVERCOATS IN NEWEST PATTERNS FOR SPRING AND SUMMER.

DERBIES AND SOFT HATS FROM LONDON AND THE CONTINENT.

IMPORTED SHIRTS, COLLARS, GLOVES, HOSIERY, ETC.

FINE QUALITY SHOES.

Illustrated Catalogue upon Request.

Preston's Coffee House

Open All Night.

1036 BOYLSTON STREET, BOSTON

Telephone 2206-1 B. B.

Tel. 1597-1 B.B.

MISS SAWYER

MULTIGRAPHING

TYPEWRITING

486 BOYLSTON ST., Opp. Rogers Bldg.

ROWAN & CURRY

THE TECH BARBERS

Special attention paid to students at M. I. T.

In the New Chauncey Hall Building

585 BOYLSTON STREET

Opp. Copley Square

LET US PUT YOUR FAVORITE DISH ON THE MENU AT THE UNION. DROP A SUGGESTION IN THE SUGGESTION BOX.

GEO. H. ELLIS CO.

Printers

No. 272 CONGRESS STREET

BOSTON, MASS.

Phone' 1549.

J. C. LITTLEFIELD

HIGH CLASS TAILOR

Smart and effective fabrics; the latest texture and the most fashionable shades; prices that are right.

DRESS CLOTHES A SPECIALTY

12 Beacon Street, Boston

BOSTON DAIRY LUNCH

COR. BERKELEY & BOYLSTON STS.

Specials Every Day.

All Home Cooking. Moderate Prices.

Cigars and Cigarettes.

COLLINS & FAIRBANKS CO.

YOUNG MENS HATS

FOR ALL OCCASIONS

381 Washington St. Boston

INSTITUTE LIBRARIES

(Continued from page 1.)

eral thousand pamphlets, with numerous maps, charts, and diagrams illustrating political and industrial history.

In 39 Waker is the Chemical Library containing 11,000 volumes and 2,000 pamphlets. All students enjoy free access to this library. The number of current periodicals received is 122 and a determined effort is being made to complete the many sets of chemical periodicals. The cost of completing these already extensive files is estimated at $2,000. The Library of Physics, 14 Walker, comprises 8,000 volumes and regularly receives 80 of the principal physical publications; 1,500 volumes are included in the Library of Electrical Engineering in 3 Lowel; 40 periodicals are taken and important sets are kept on file. The Library of Modern Languages, 30 Lowell, contains 1.700 works in modern European Literature, together with grammars, dictionaries and periodicals.

The libraries of the Civil, Mechanical, and Sanitary Engineering departments are united in Engineering A. This is the largest library, containing 14,00. volumes and 5,000 pamphlets and receiving 240 publications annually.

The Rogers geological and geographical maps include a complete set of the publications of the Geological Survey. In the same room, 14 Pierce, is kept the valuable collection of fossils arranged stratigraphically in 275 drawers. A well-appointed library is provided for the Department of Biology in 27 Pierce, 4,000 volumes and pamphlets together with 75 periodicals are kept on its shelves.

Next to the drawing-room of the Naval Arch. Department is situated a collection of 1,500 volumes and pamphlets on Naval Architecture, Ship-building, and Marine Engineering. This library receives 27 periodicals and contains an extensive collection of plans and drawings for reference.

The Architectural Library, 33 Pierce, contains 4,000 volumes of technical works on architecture, building, decoration, the history of art, American and foreign periodicals, and a carefully selected collection of 16,000 photographs and 15,000 lantern slides.

NOTICES

FRENCH COLLOQUIUM B.

Exercises in this subject will be held hereafter from 12 to 1 instead of from 11 to 12, on Thursday; otherwise as heretofore.

GERMAN II.

Commencing Monday, the 21st, Section 18 will recite to Dr. Kurrelmeyer in Room 30 Lowell, otherwise as heretofore; and Section 8 to Professor Vogel in Room 30 Lowell as follows:

Tuesday, 12-1.
Wednesday, 12-1.
Friday, 10-11.

LOST.

One drawing set. Finder please leave note at Cage for Althouse.

From the Naval Architectural Drawing Room without card, a twenty-inch duplex slide rule belonging to the Department. Please return and have recorded.

1912 BASEBALL.

Battery candidates report at the Gym Monday, Wednesday and Friday afternoons. All out. V. W. ALLEN,, Mgr.

MILITARY BALL.

All men who had tickets out for the military ball are requested to make returns at once.

1913 RELAY.

Fifteen of the following men will be picked to go to Lowell next Saturday night: Morcon, Trull, Thompson, Burnham, Mattson, Sampson, Bylund, Munch, Milliken, Brett, Bonney, Hamilton, McLeod, Fallon, Rankin and Cairns. Everybody out for practice.

WM. KATZENBERGER, Mgr.

TO LET.—Large square room, suitable for one or two young men. All conveniences. Private family. Apply to Mrs. Brown, 124 Huntington Ave.

Next Saturday the special Course VI issue, containing articles by members of the faculty on electrical engineering, is coming out.

OLD COLONY TRUST COMPANY

Capital and Surplus, $7,500,000.00

Main Office, Court Street

Branch Office, Temple Place

SAFE DEPOSIT VAULTS AT BOTH OFFICES

CLASSIFIED LIST OF ADVERTISERS

ATTRACTIONS.
Castle Square Theatre.
Boston Opera House.
BARBERS.
Rowan & Curry.
BANKING HOUSES.
Old Colony Trust.
BOOKBINDERS.
Alexander Moore.
BOOKSTORE.
Old Corner Bookstore.
CIGARETTES.
Fatima.
Cobb, Bates & Yerxa.
CONFECTIONERY.
Apollo Chocolates.
CRACKERS.
Johnson Educator Food Co.
DRUGGISTS.
Copley Drug.
Theo. Metcalf & Co.
ENGINEERS.
Stone & Webster.
FLORISTS.
Newman.
Galvin.
GLOVES.
Fownes.
HARDWARE.
Wardsworth & Howland.
HATTERS.
Collins & Fairbanks.
Sphinx.
HOTELS.
Hotel Brunswick.
Hotel Cumberland.
American House.
JEWELERS.
Bent & Bush.
LAUNDRY.
Hinds Hand Laundry.
MEN'S FURNISHINGS.
Arrow collars.
Boston Garters.
Collins & Fairbanks.
Morse & Henderson.
C. F. Hovey & Co.
Noyes Bros.
Shuman & Co.
J. C. Littlefield.
Brooks Bros.
PRINTERS.
Geo. H. Ellis Co.
RESTAURANTS
Copley Lunch.
Lombardi Inn.
Preston's Coffee House.
Boston Dairy.
Landers Lunch Room.
Union Dining Room.
SPORTING GOODS.
Winchester.
Stevens Gun Co.
A. G. Spalding.
RUBBER STAMPS.
Allen, Doane & Co.
STATIONERS.
Faber Pencils.
Higgins' Ink.
Maclachlan.
Samuel Ward & Co.
THEATER TICKETS.
Herrick.
TYPEWRITING.
Miss Sawyer.
TYPEWRITERS.
Model Typewriter Exchange.

Winter Garb

FOR GENTLEMEN

Highest Order of Tailoring, yet Ready to Slip Into.

Suit or Overcoat

Formerly $25 to $50

Now Reduced $18 to $35

FINEST OF FURNISHINGS, ALSO REDUCED

Ely Meyer & M. C. Simon

T. Henry Clarkson, Manager.

WASHINGTON AND FRANKLIN STREETS.